

Assistant Commissioner for Patents
Washington, D.C. 20231

RESPONSE PURSUANT TO 37 C.F.R. 1.111

Dear Sir:

This paper is responsive to the Office Action mailed July 30, 2002, for the above-identified application.

IN THE CLAIMS

Please cancel claims 9, 10, 15, 16, 22-23.

Please amend claims 1, 36 as follows:

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TECHNOLOGY CENTER R3700

subD
1. An electromechanical valve assembly for an internal combustion engine, said engine having an engine cylinder, said assembly comprising:

a rotor centered about a first axis having a bore extending generally axially therethrough;

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a stator operatively disposed about said rotor for producing a torque to cause rotation of said rotor about said first axis;

a valve having a valve stem and a valve head, said valve stem configured to move upwardly when said rotor rotates in a first direction to move said valve head against a valve seat in said engine to prevent gas flow into or out of said engine cylinder; and,

an anti-twist guide for preventing said valve stem from rotating about said first axis.